



The Burden of climate-related conditions among laborers at Al-Razi Health Centre, Bahrain

Author(s): Al-Sayyad AS, Hamadeh RR
Year: 2014
Journal: Journal of The Bahrain Medical Society. 25 (1): 8-May

Abstract:

Background: The negative effects of climate change on human health and well-being are widely documented in recent literature. The poorest countries, and the most vulnerable and marginalized individuals, experience the worst consequences from climate change. Laborers are more prone to climate-related conditions (CRC) as they are considered one of the under-privileged populations with low salaries and unfortunate living and working conditions. **Objectives:** To measure the burden of CRC on health services in the main laborers' clinic in the Kingdom of Bahrain. **Methods:** A cross-sectional study of expatriate workers who attended Al-Razi Health Centre (ARHC) during the study period. A convenience sample was selected and a specific questionnaire was designed for the purpose of this study. The variables included in the questionnaire were age, gender, nationality, occupation, work setting, diagnosis including CRC, medications prescribed and length of sick leave given. CRC were identified and grouped by a panel of experts in line with the published literature. **Results:** Out of a total number of 3,715 visits during the study period, CRC visits represented 1,111 with a proportion of 29.9%. The majority (70%) of the CRC patients were working solely outdoors. Infectious diseases were the most common (62.9%) CRC followed by heat-related diseases (16.5%). **Conclusion:** CRC have a significant burden on the health services at ARHC. CRC appear not to be significantly associated with age, nationality or place of work of laborers.

Source: <https://medicalsocbh.files.wordpress.com/2016/04/jbms-jan-2014.pdf>

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Temperature

Temperature: Extreme Heat

Geographic Feature:

resource focuses on specific type of geography

Ocean/Coastal, Urban

Geographic Location:

resource focuses on specific location

Climate Change and Human Health Literature Portal

Non-United States

Non-United States: Asia

Asian Region/Country: Other Asian Country

Other Asian Country: Bahrain

Health Impact: ☒

specification of health effect or disease related to climate change exposure

Infectious Disease, Injury, Other Health Impact

Infectious Disease: Foodborne/Waterborne Disease, General Infectious Disease

Foodborne/Waterborne Disease (other): gastroenteritis

Other Health Impact: heat related morbidity; allergic disease

Population of Concern: A focus of content

Population of Concern: ☒

populations at particular risk or vulnerability to climate change impacts

Elderly, Low Socioeconomic Status, Workers

Resource Type: ☒

format or standard characteristic of resource

Research Article

Timescale: ☒

time period studied

Time Scale Unspecified